

Group I & Group II: Method and apparatus. Apparatus is practiced by a materially different process. The apparatus requires a unified attitude sensor set be used throughout all phases of operation, not just during orbit transfer & on-station operation (Different search)

Group I & Group III: Subcombination usable together. Group III has separate utility such as a mission plan. (different search ~~to~~ to find transfer orbit operations & on-station operations)

Group II & III Same as above

- ① unified attitude sensor
- ②7 adds "plurality of star trackers"
- ②9 adds "gyro units"
- ③1 adds "solar wave sensors"
- ③ adds "@ least one star tracker"
- ④ adds "@ least one inertial measurement (gyro)"
- ⑫ adds "solar panel current sensor"
- ⑬6 adds "@ least transfer orbit & on station orbit operations"